

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050520\
 Data File : VW015391.D
 Acq On : 05 May 2020 09:25
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02508

Quant Time: May 05 16:42:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 05 16:36:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	351876	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	317291	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	154715	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	115920	26.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.32%
7) Chloroethane-d5	2.89	69	121773	28.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.76%
10) 1,1-Dichloroethene-d2	4.01	63	225956	25.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.96%
20) 2-Butanone-d5	7.09	46	58565	49.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.60%
24) Chloroform-d	7.65	84	221768	24.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	8.30	65	126734	25.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.88%
29) Benzene-d6	8.27	84	447435	25.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.08%
33) 1,2-Dichloropropane-d6	9.27	67	136776	26.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.00%
37) Toluene-d8	10.32	98	437346	26.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.80%
38) trans-1,3-Dichloropropene-	10.58	79	63391	26.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.88%
39) 2-Hexanone-d5	10.93	63	50606	52.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105155	26.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	140308	25.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.44%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	76015	24.616	ug/L 96
3) Chloromethane	2.21	50	81290	24.601	ug/L 99
5) Vinyl chloride	2.37	62	127377	24.810	ug/L 99
6) Bromomethane	2.78	94	91299	25.847	ug/L 100
8) Chloroethane	2.93	64	90305	26.315	ug/L 100
9) Trichlorofluoromethane	3.26	101	95164	25.425	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	104083	24.958	ug/L 98
12) 1,1-Dichloroethene	4.03	96	102638	24.319	ug/L 95
13) Acetone	4.14	43	45698	51.319	ug/L 99
14) Carbon disulfide	4.38	76	310275	23.668	ug/L 98
15) Methyl Acetate	4.67	43	45696	23.462	ug/L 100
16) Methylene chloride	4.91	84	104586	20.753	ug/L 100
17) Methyl tert-butyl Ether	5.42	73	165165	24.071	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	109005	23.966	ug/L 98
19) 1,1-Dichloroethane	6.21	63	205468	23.985	ug/L 98
21) 2-Butanone	7.18	43	62832	46.933	ug/L 98
22) cis-1,2-Dichloroethene	7.16	96	118545	24.182	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	48815	23.892	ug/L	93
25) Chloroform	7.67	83	202269	23.883	ug/L	99
27) 1,2-Dichloroethane	8.40	62	141487	24.552	ug/L	100
30) Cyclohexane	7.95	56	202017	24.341	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	173923	24.425	ug/L	99
32) Carbon tetrachloride	8.07	117	161953	24.992	ug/L	99
34) Benzene	8.32	78	465687	25.087	ug/L	100
35) Trichloroethene	9.09	95	121537	24.432	ug/L	99
36) Methylcyclohexane	9.33	83	221711	25.102	ug/L	99
40) 1,2-Dichloropropane	9.37	63	116658	25.147	ug/L	100
41) Bromodichloromethane	9.64	83	155623	25.414	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	190938	25.488	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	148343	47.727	ug/L	99
44) Toluene	10.39	91	506362	24.959	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	167375	25.637	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	83344	25.626	ug/L	97
47) Tetrachloroethene	10.87	164	93657	25.098	ug/L	98
49) 2-Hexanone	10.97	43	103469	52.834	ug/L	99
50) Dibromochloromethane	11.13	129	100254	25.480	ug/L	97
51) 1,2-Dibromoethane	11.23	107	77383	24.933	ug/L	98
52) Chlorobenzene	11.66	112	316589	24.735	ug/L	99
53) Ethylbenzene	11.73	91	582822	24.632	ug/L	96
54) m,p-Xylene	11.84	106	222220	25.140	ug/L	99
55) o-xylene	12.16	106	213030	25.051	ug/L	99
56) Styrene	12.18	104	370013	25.484	ug/L	98
57) Isopropylbenzene	12.46	105	596986	25.413	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	98446	25.446	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	74245	25.267	ug/L	100
62) Bromoform	12.35	173	59062	25.847	ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	246239	25.029	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	244016	24.914	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	222679	25.731	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	18169	26.047	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	175748	25.981	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	148833	26.647	ug/L	97
69) Naphthalene	15.36	128	274624	26.200	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	126247	26.235	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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